**CAGEAID:­­­­­­**

var cageaid = 0;

if(({cageaid01} + {cageaid02} + {cageaid03} + {cageaid04})>2){

cageaid+=1;

}

else{

cageaid+=0;

};

**COMPASS31:**

**var oi1 = 0;**

**if({c31\_faint}==1){**

**oi1+=1;**

**} else{**

**oi1+=0};**

**var oi2 = 0;**

**if({c31\_faint\_freq}==1){**

**oi2+=0;**

**} else if({c31\_faint\_freq}==2){**

**oi2+=1;**

**} else if({c31\_faint\_freq}==3){**

**oi2+=2;**

**} else if({c31\_faint\_freq}==4){**

**oi2+=3};**

**var oi3 = 0;**

**if({c31\_faint\_sev}==1){**

**oi3+=1;**

**} else if({c31\_faint\_sev}==2){**

**oi3+=2;**

**} else if({c31\_faint\_sev}==3){**

**oi3+=3};**

**var oi4 = 0;**

**if({c31\_faint\_change}==1){**

**oi4+=3;**

**} else if({c31\_faint\_change}==2){**

**oi4+=2;**

**} else if({c31\_faint\_change}==3){**

**oi4+=1;**

**} else if({c31\_faint\_change}>=3){**

**oi4+=0};**

**var sumoi = (oi1 + oi2 + oi3 + oi4)**

**var oi = sumoi\*4**

**DSQ-SF**

**var obj = JSON.parse('{dsqsf}');**

**var fatigue = 0;**

**if((Object.values(obj[0])[0])>=1 && (Object.values(obj[0])[1])>=1){**

**fatigue+=1;**

**}**

**else{**

**fatigue+=0};**

**var sore = 0;**

**var excs = 0;**

**var pem = 0;**

**if((Object.values(obj[1])[0])>=1 && (Object.values(obj[1])[1])>=1){**

**sore+=1;**

**}**

**else{**

**sore+=0};**

**if((Object.values(obj[2])[0])>=1 && (Object.values(obj[2])[1])>=1){**

**excs+=1;**

**}**

**else{**

**excs+=0};**

**if(sore + excs >=1){**

**pem+=1;**

**}**

**else{**

**pem+=0};**

**var sleep = 0;**

**if((Object.values(obj[3])[0])>=1 && (Object.values(obj[3])[1])>=1){**

**sleep+=1;**

**}**

**else{**

**sleep+=0};**

**var memory = 0;**

**var atten = 0;**

**var cog = 0;**

**if((Object.values(obj[6])[0])>=1 && (Object.values(obj[6])[1])>=1){**

**memory+=1;**

**}**

**else{**

**memory+=0};**

**if((Object.values(obj[7])[0])>=1 && (Object.values(obj[7])[1])>=1){**

**atten+=1;**

**}**

**else{**

**atten+=0};**

**if(memory + atten >= 1){**

**cog+=1;**

**}**

**else{**

**cog+=0};**

**var pain = 0;**

**if((Object.values(obj[4])[0])>=1 && (Object.values(obj[4])[1])>=1){**

**pain+=1;**

**}**

**else{**

**pain+=0};**

**var immun = 0;**

**if((Object.values(obj[12])[0])>=1 && (Object.values(obj[12])[1])>=1){**

**immun+=1;**

**}**

**else{**

**immun+=0};**

**var symptoms = 0;**

**if(pem + sleep + cog + pain + immun>=4){**

**symptoms+=1;**

**}**

**else{**

**symptoms+=0};**

**var cdc = 0;**

**if(fatigue + symptoms==2){**

**cdc+=1;**

**}**

**else{**

**cdc+=0};**

**cdc;**

**DSQ-SF NOT GRID**

**'##allowempty##';**

**var fatigue = 0;**

**if({dsq\_fatigue\_freq}>=1 && {dsq\_fatigue\_sev}>=1){**

**fatigue+=1;**

**} else{**

**fatigue+=0};**

**var sore = 0;**

**var excs = 0;**

**var pem = 0;**

**if(({dsq\_sore\_freq}>=1 && {dsq\_sore\_sev}>=1){**

**sore+=1;**

**} else{**

**sore+=0};**

**if({dsq\_minexcse\_freq}>=1 && {dsq\_minexcse\_sev}>=1){**

**excs+=1;**

**} else{**

**excs+=0};**

**if(sore + excs >=1){**

**pem+=1;**

**} else{**

**pem+=0};**

**var sleep = 0;**

**if((Object.values(obj[3])[0])>=1 && (Object.values(obj[3])[1])>=1){**

**sleep+=1;**

**} else{**

**sleep+=0};**

**var memory = 0;**

**var atten = 0;**

**var cog = 0;**

**if(({dsq\_unrefreshed\_freq}>=1 && {dsq\_unrefreshed\_sev}>=1){**

**memory+=1;**

**} else{**

**memory+=0};**

**if({dsq\_memory\_freq}>=1 && {dsq\_memory\_sev}>=1){**

**atten+=1;**

**} else{**

**atten+=0};**

**if(memory + atten >= 1){**

**cog+=1;**

**} else{**

**cog+=0};**

**var pain = 0;**

**if({dsq\_attention\_freq}>=1 && {dsq\_attention\_freq}>=1){**

**pain+=1;**

**} else{**

**pain+=0};**

**var immun = 0;**

**if({dsq\_flu\_freq}>=1 && {dsq\_flu\_freq}>=1){**

**immun+=1;**

**} else{**

**immun+=0};**

**var symptoms = 0;**

**if(pem + sleep + cog + pain + immun>=4){**

**symptoms+=1;**

**} else{**

**symptoms+=0};**

**var cdc = 0;**

**if(fatigue + symptoms==2){**

**cdc+=1;**

**} else{**

**cdc+=0};**

**cdc;**

**GMH Calculation**

**##GMH Lyme Dependency (calckps01)**

**var splitted="{gmh\_diagnosis01}".split(';');**

**var lymediag = 0;**

**if(splitted.indexOf("4")> -1){**

**lymediag+=1;**

**} else{**

**lymediag+=0};**

**var lymetx = 0;**

**if(lymediag==1 && {gmh\_lyme\_tx}==1){**

**lymetx +=1;**

**} else {**

**lymetx +=0;**

**};**

**lymetx;**

**##if any diagnosed condition selected**

**var splitted="{gmh\_diagnosis02}".split(';');**

**var diagactive = 0;**

**if(splitted.indexOf("1")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("2")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("3")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("4")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("5")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("6")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("7")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("8")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("9")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("10")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("11")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("12")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("13")> -1){**

**diagactive+=1;**

**}**

**if(splitted.indexOf("14")> -1){**

**diagactive+=1;**

**};**

**var diagactive2=0;**

**if(diagactive>=1){**

**diagactive2+=1;**

**} else {**

**diagactive2+=0;**

**};**

**diagactive2;**

**KPS Cal (JS)**

**##KPS AND Dependency (calckps01)**

**if({kps\_normalactivity}==0 && {kps\_ambulatory}==1){**

**1;**

**} else {**

**0;**

**};**

**##Karnofsky Performance Scale (calckps)**

**'##allowempty##';**

**if({kps\_normalactivity}==1 && {kps\_symptoms}==0){**

**100;**

**}else if({kps\_normalactivity}==1 && {kps\_symptoms}==1){**

**90;**

**}else if({kps\_normalactivity}==1 && {kps\_symptoms}==2){**

**80;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==1 && {kps\_assistance}==0){**

**70;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==1 && {kps\_assistance}==1){**

**60;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==1 && {kps\_assistance}==2){**

**50;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==0 && {kps\_walk}==1){**

**40;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==0 && {kps\_walk}==2){**

**30;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==0 && {kps\_walk}==3){**

**20;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==0 && {kps\_walk}==4){**

**10;**

**};**

**##Kanofsky Severity Categories (calcseverity)**

**var severity = 0;**

**if({calckps}<=40){**

**severity+=1;**

**} else if({calckps}>=50 && {calckps}<=70){**

**severity+=2;**

**} else if({calckps}>=80){**

**severity+=3;**

**};**

**KPS (TXT)**

**##KPS AND Dependency (calckps01)**

**if({kps\_normalactivity}==0 && {kps\_ambulatory}==1){**

**1;**

**} else {**

**0;**

**};**

**##Karnofsky Performance Scale (calckps)**

**'##allowempty##';**

**if({kps\_normalactivity}==1 && {kps\_symptoms}==0){**

**100;**

**}else if({kps\_normalactivity}==1 && {kps\_symptoms}==1){**

**90;**

**}else if({kps\_normalactivity}==1 && {kps\_symptoms}==2){**

**80;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==1 && {kps\_assistance}==0){**

**70;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==1 && {kps\_assistance}==1){**

**60;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==1 && {kps\_assistance}==2){**

**50;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==0 && {kps\_walk}==1){**

**40;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==0 && {kps\_walk}==2){**

**30;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==0 && {kps\_walk}==3){**

**20;**

**}else if({kps\_normalactivity}==0 && {kps\_ambulatory}==0 && {kps\_walk}==4){**

**10;**

**};**

**PHQ**

**var obj = JSON.parse('{phq}');**

**var phq = 0;**

**if((parseInt(Object.values(obj[0])[0]) + parseInt(Object.values(obj[1])[0]))>=3){**

**phq+=1;**

**}**

**else{**

**phq+=0;**

**};**

**PHQ NOT GRID**

**var obj = JSON.parse('{phq}');**

**var phq = 0;**

**if((parseInt(Object.values(obj[0])[0]) + parseInt(Object.values(obj[1])[0]))>=3){**

**phq+=1;**

**}**

**else{**

**phq+=0;**

**};**